

To: Brown, Anthony R (RM)[anthony.brown@bp.com]
Cc: Hillenbrand, John[Hillenbrand.John@epa.gov]; Ferguson, Scott@Waterboards[scott.ferguson@waterboards.ca.gov]; Wetmore, Cynthia[Wetmore.Cynthia@epa.gov]; Black, Ned[Black.Ned@epa.gov]; Cory Koger[Cory.S.Koger@usace.army.mil]; Barton, Dana[Barton.Dana@epa.gov]; Darrel Cruz 2[Darrel.Cruz@washoetribe.us]; David Friedman[dfriedman@ndep.nv.gov]; Doug Carey[douglas.carey@waterboards.ca.gov]; Fred K[fredk@aeseinc.com]; Riley, Gary[riley.gary@epa.gov]; Greg Reller[gr@burlesonconsulting.com]; Wirtschafter, Joshua[Wirtschafter.Joshua@epa.gov]; Ken Maas[kmaas@fs.fed.us]; Lombardi, Marc (marc.lombardi@amecfw.com)[marc.lombardi@amecfw.com]; Michelle Hochrein[michelle.hochrein@washoetribe.us]; Patty Cubanski[pc@burlesonconsulting.com]; Serda, Sophia[Serda.Sophia@epa.gov]; Steve Hampton[Steve.Hampton@wildlife.ca.gov]; Thomas Maurer[thomas_maurer@fws.gov]; Toby McBride[toby_mcbride@fws.gov]
From: Deschambault, Lynda
Sent: Thur 5/25/2017 12:00:04 AM
Subject: EPA approval Crusher Road Slope Instability Monitoring Plan
[170522 Crusher Road Instability Monitoring Memo Compiled.pdf](#)
[EPA Comments on ARC Crusher Road slope monitoring plan 05.24.17FINAL..pdf](#)

Dear Mr. Brown:

EPA has completed its review of Atlantic Richfield Company's May 22, 2017 ARC memorandum describing a Crusher Road Slope Instability Monitoring Plan, Leviathan Mine Alpine County, California, dated May 22, 2017 (memo). The memo was addressed to Anthony Brown of ARC, and prepared by AMEC.

EPA has completed its review and approves ARC to begin the monitoring activities described in ARC's May 22, 2017 memo. In addition EPA provides comments for ARC implementation; including: ongoing Coordination with the Waterboard to address the impacts if any to water treatment operations (both ARC and Waterboard), identify short term mitigations to prevent a release; and make short and long term plans for stabilizing the slope. Please let EPA know if we can be of assistance in coordinating that response. In addition, EPA requests sampling of nearby wells, and an expansion of the scope of the assessment. See comments attached.

Please provide updates regarding the Crusher Road Slope Instability as part of ARC's monthly summary report. EPA also requests timely notification of any significant changes to the site.

If you have any questions, please feel free to contact me at (415) 972-3003 or deschambault.lynda@epa.gov.

Sincerely,

Lynda Deschambault
Environmental Scientist
USEPA Region 09
(415) 947-4183

Please be advised I may have limited access to email , therefore please be patient with any communication delays.

From: Lombardi, Marc [mailto:Marc.Lombardi@amecfw.com]
Sent: Monday, May 22, 2017 12:41 PM
To: DCarey@waterboards.ca.gov
Cc: Chris Stetler (chris.stetler@waterboards.ca.gov) <chris.stetler@waterboards.ca.gov>; Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Greg Reller <gr@burlesonconsulting.com>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Cohen, Adam (Adam.Cohen@dgsllaw.com) <Adam.Cohen@dgsllaw.com>; 'Sandy Riese' <sriese@ensci-inc.com>; Lambeth, Gregory <Gregory.Lambeth@amecfw.com>; Yuan, Peter <Peter.Yuan@amecfw.com>; Jefferson, Jill <Jill.Jefferson@amecfw.com>; Grant Ohland - (gohland@ohlandhydrogeo.com) <gohland@ohlandhydrogeo.com>
Subject: Leviathan Mine - Crusher Road Slope Instability Monitoring Plan

Doug,

Attached is Atlantic Richfield's Monitoring Plan for the Crusher Road Slope Instability. Please let us know if the LRWQCB has any issues with us implementing this plan. We

would like to begin installation of the survey points and initial monitoring as described in the plan on this Wednesday (5/24).

Please let me know if you have any questions.

Thanks,

Marc

Marc R. Lombardi, CEM, PG

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